

INTERNATIONAL SEARCH REPORT

Inte Application No
PCT/IB/06222

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 H04R9/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04R

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	EP 0 510 345 A (NOKIA DEUTSCHLAND GMBH) 28 October 1992 (1992-10-28) the whole document	1-8
A	DE 44 34 719 A (PIONEER ELECTRONIC CORP ;PIONEER ELECTRONIC TOHOKU (JP)) 6 April 1995 (1995-04-06) column 2, line 40 -column 3, line 22; figure 4B	1-8
A	US 2002/044671 A1 (SHIMOMURA KATSUYA ET AL) 18 April 2002 (2002-04-18)	

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"P" document published prior to the International filing date but later than the priority date claimed

"T" later document published after the International filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

Date of the actual completion of the International search

23 April 2004

Date of mailing of the International search report

10/05/2004

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			JP 5252590 A	28-09-1993
			PL 294165 A1	08-02-1993
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